

Incident ID	nAPP2235163169
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>55</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 7/18/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Shelly Wells Date: 7/18/2023

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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Dale Woodall Title: Env. Professional
 Signature: Dale Woodall Date: 7/18/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1938

OCD Only

Received by: Shelly Wells Date: 7/18/2023

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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 Signature: *Dale Woodall* Date: 7/18/2023
 email: dale.woodall@dnv.com Telephone: 575-748-1838

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Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
www.ntgenvironmental.com

July 13, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Site Characterization and Deferral/Closure Request Report
Regulus 26 Fed 1H Wellpad
Unit A, S26, T19S, R31E
Site Coordinates: 32.637316, -103.832696
Eddy County, New Mexico
Incident ID: nAPP2235163169

1. Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Deferral/Closure Request Report for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the Regulus 26 Fed 1H Wellpad (Site). The Site is in Unit Letter A, Section 26, of Township 19 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.637316° N latitude and -103.832696° W longitude. The site location is shown in Figure 1 and the topography of the area is shown in Figure 2.

2. Background

Based on the Release Notification C-141 Form, the release occurred on December 17, 2022, when a leak developed on a steel line on the wellhead releasing approximately 2.5 barrels (bbls) of produced water, of which 2.5 bbls were recovered. In addition, 8.5 bbls of crude oil were released, of which 8.5 bbls were recovered. Upon discovery, the pipeline was shut-in, and the area was secured. Fluids were recovered via a vacuum truck. Afterwards, the site was excavated with the impacted soil transported offsite to an approved disposal facility. The release area is shown in Figure 3. The Release Notification, Site Assessment/Characterization, and Closure portions of Form C-141 for incident number nAPP2235163169 are attached to the front of this report.

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For Oil & Gas
Operations

Mr. Mike Bratcher
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3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well is located approximately 0.25 miles southwest of the Site in Section 26, of Township 19 South and Range 31 East in Eddy County, New Mexico. The well was drilled in 2023 with no reported groundwater encountered in the first 55 feet below ground surface (ft bgs). No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the site is located within a low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment A.

NTGE characterized the Site according to Table 1, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>55

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	10000 mg/kg	2500 mg/kg	1000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On January 12, 2023, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of four (4) vertical sample points (S-1 through S-4) and six (6) horizontal sample points (H-1 through H-6) were installed within and adjacent to the release area to characterize the impacts. Soil samples were collected in 0.5 ft intervals from depths ranging from 0 – 3.5 ft below ground surface (bgs) with a geotechnical hand auger. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, total petroleum hydrocarbon (TPH) by method 8015B, and chloride by EPA method 300.0 by Eurofins Laboratories in Carlsbad, New Mexico. The analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-4. Analytical results are included in Table 1, while soil boring locations are shown in Figure 3.

5. Remedial Action Activities and Confirmation/Deferral Sampling

Upon receipt of the soil assessment data, Devon contract personnel proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory

Mr. Mike Bratcher
July 13, 2023
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limits. The release area was excavated to depths ranging from 1 ft through 4 ft bgs within the release area. The excavation area is illustrated in Figure 4.

On May 16, 2023, after initial excavation activities, a total of thirteen (13) excavation base confirmation samples (CS-1 through CS-13) along with seventeen (17) confirmation sidewall samples (SW-1 through SW-17) were collected and submitted for analysis to ensure impacted soils were successfully removed. Analytical results indicated the extent of impacted soil had been removed, except for the areas of SW-4, SW-5, and SW-8. However, the three samples (SW-4, SW-5, and SW-8) were delineated with deferral samples. Figure 4 depicts the final excavation and confirmation sampling locations, while Figure 3 details the location of deferral samples. Analytical results are found in Table 2.

On June 19, 2023, NTGE personnel were onsite to complete delineation and collect deferral samples at the site. Utilizing a hand auger, NTGE personnel installed two (2) vertical delineation samples (i.e., DS-1 and DS-2) to depths of 4.5 to 8.5 ft bgs. Samples were collected at 0.5 ft intervals and submitted to Cardinal Labs of Hobbs, New Mexico for analysis of TPH by 8015M, BTEX by 8021B, and chlorides by SM 4500 CL-B. Analysis indicated the site was delineated with depth regarding chlorides. Analytical results are found in Table 2.

Upon completion of the excavation, the site was backfilled with like source materials and the site brought up to grade.

All confirmation samples were collected every 200 square feet and submitted to Cardinal Laboratories in Hobbs, New Mexico for chemical analysis. The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, total petroleum hydrocarbon (TPH) by method 8015B, and chloride by SM 4500 CL-B.

6. nAPP2235163169 Deferral Request

Devon personnel has expressed that the excavation areas of SW-4, SW-5, and SW-8 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., wellhead and pumpjack) around the excavation and the associated safety concerns in further encroaching on the infrastructure. The infrastructure in an around the excavation is shown on Figure 3.

On behalf of Devon, NTGE formally requests a deferral to address the remaining soil impacts (SW-4, SW-5 and SW-8) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner.

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Mr. Mike Bratcher
July 13, 2023
Page 4 of 4

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

- Tables
- Figures
- Site Characterization Documentation
- Photographic Log
- Confirmation Sampling Notifications
- Laboratory Reports and Chain-of-Custody Documents

Ethan Sessums

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, May 12, 2023 4:04 PM
To: Ethan Sessums
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Ethan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Friday, May 12, 2023 8:38 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

NTGE on behalf of DEVON Energy Production Company will be conducting a confirmation sampling event at the below referenced site on Tuesday the 16, 2023 around 10 a.m. MDT.

nAPP2235163169

Regulus 26 Federal 1H

Ethan Sessums
Project Manager
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.com/>

INITIAL AND FINAL C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
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Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

State of New Mexico
Oil Conservation Division

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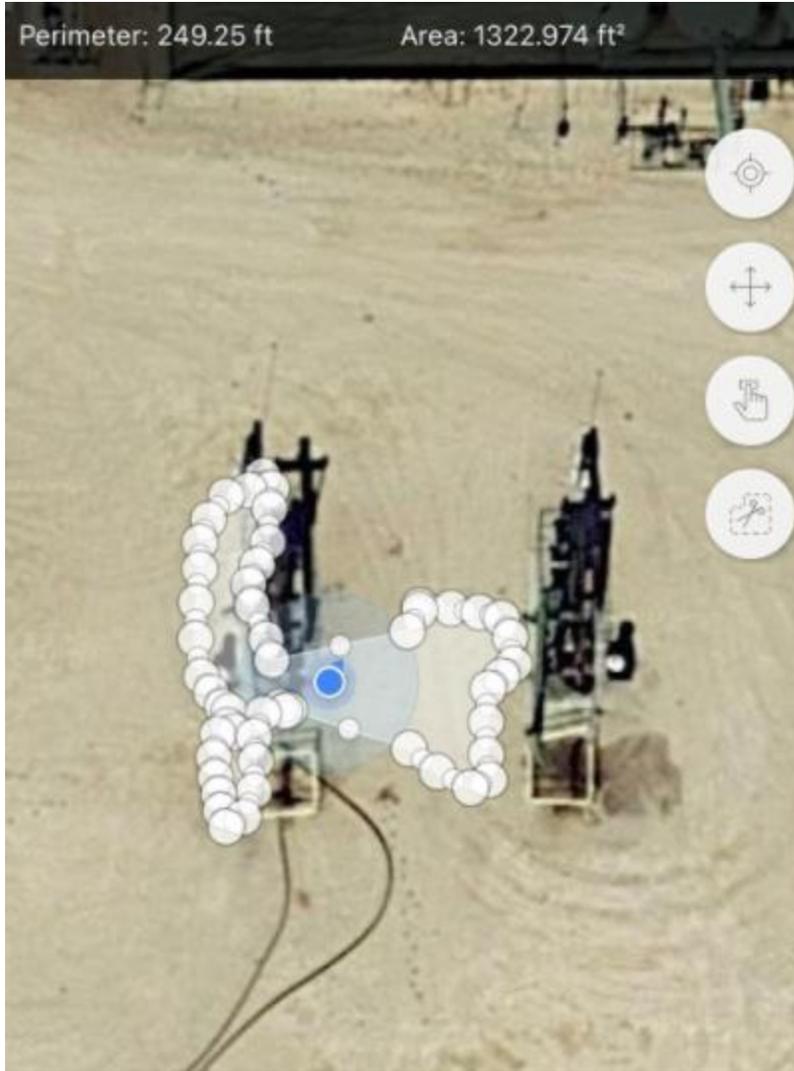
Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: _____ Title: _____ Signature: <u>Kendra Ruiz</u> Date: _____ email: _____ Telephone: _____
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>01/04/2023</u>

NAPP2235163169



District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

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 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 172473

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 172473
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/4/2023

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Printed Name: Dale Woodall Title: Env. Professional

Signature: *Dale Woodall* Date: 7/18/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

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Remediation Plan

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- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 7/18/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

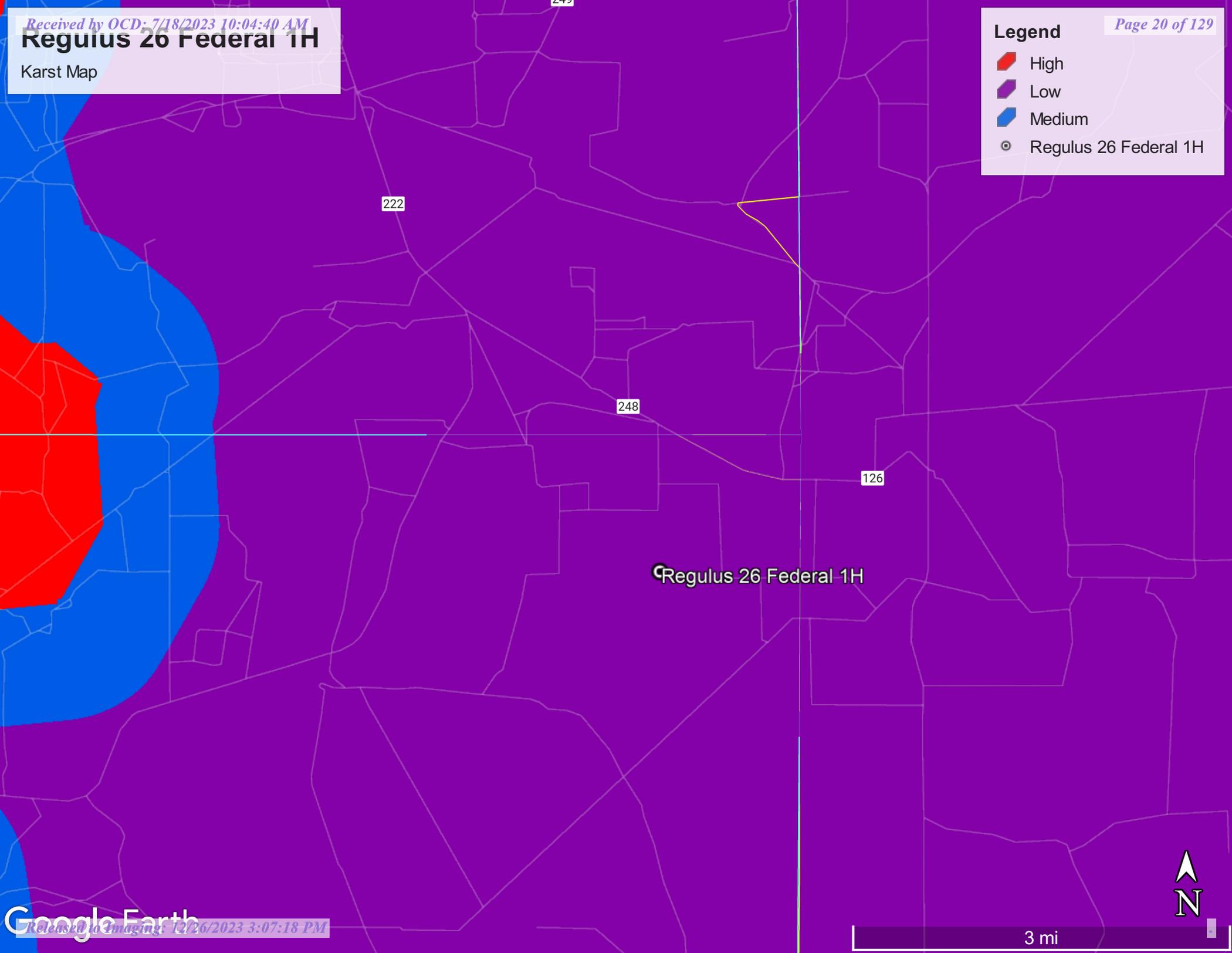
SITE CHARACTERIZATION INFORMATION

Regulus 26 Federal 1H

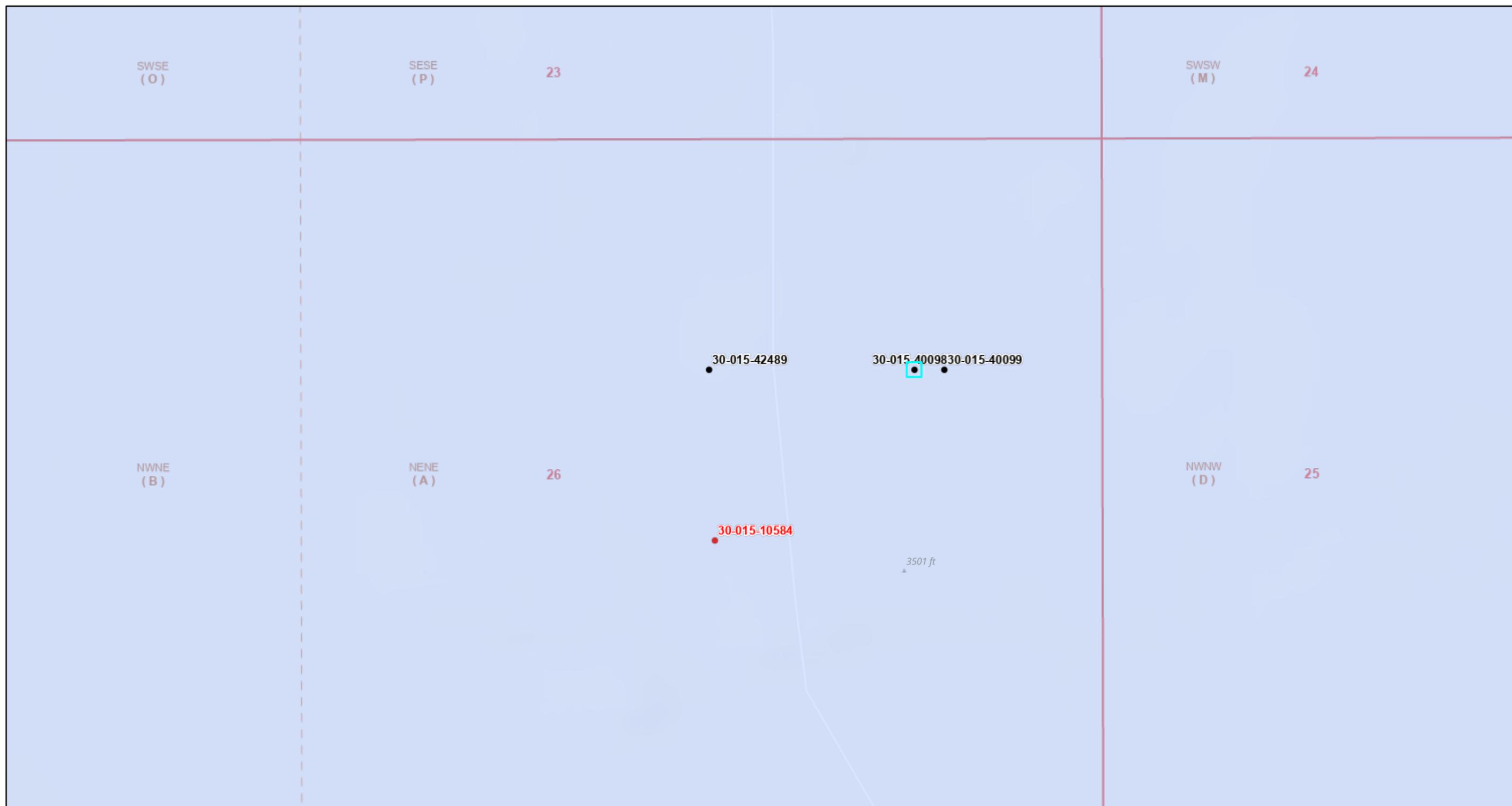
Karst Map

Legend

-  High
-  Low
-  Medium
-  Regulus 26 Federal 1H



OCD Well Locations



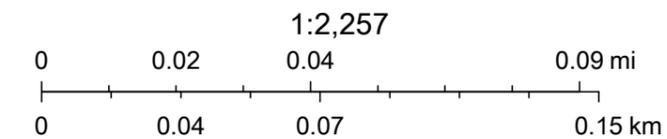
1/10/2023, 11:11:06 AM

Wells - Large Scale OSE PODs

- Oil, Active
- Oil, Plugged
- Active
- Inactive
- Pending
- Changed Location of Well
- Capped
- Plugged
- Unknown

Karst Occurrence Potential

- Low
- PLSS Second Division
- PLSS First Division



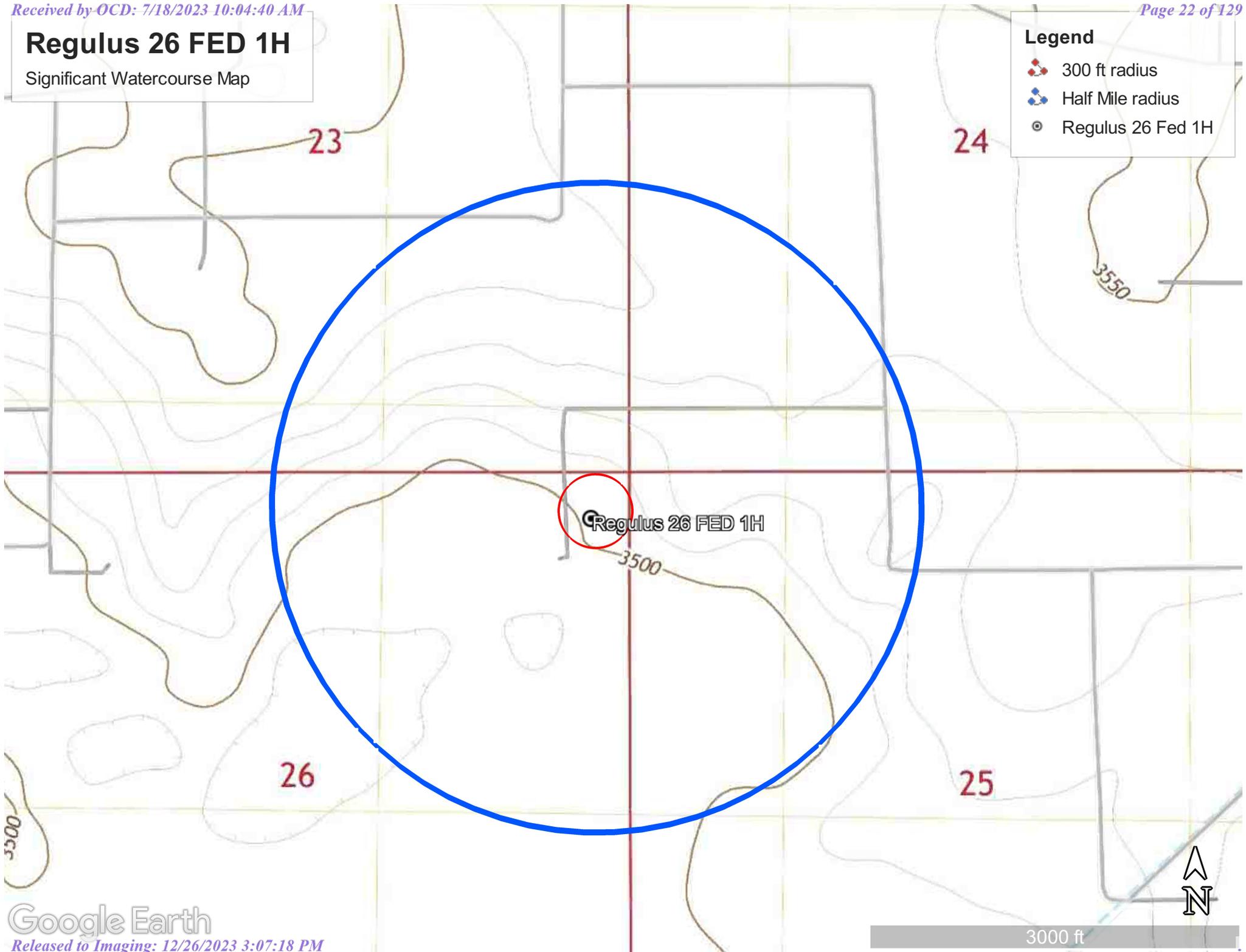
BLM, OCD, New Mexico Tech, Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), OSE GIS, Oil Conservation Division of the New Mexico Energy, Minerals and Natural

Regulus 26 FED 1H

Significant Watercourse Map

Legend

-  300 ft radius
-  Half Mile radius
-  Regulus 26 Fed 1H





Regulus 26 Fed 1H Wetlands



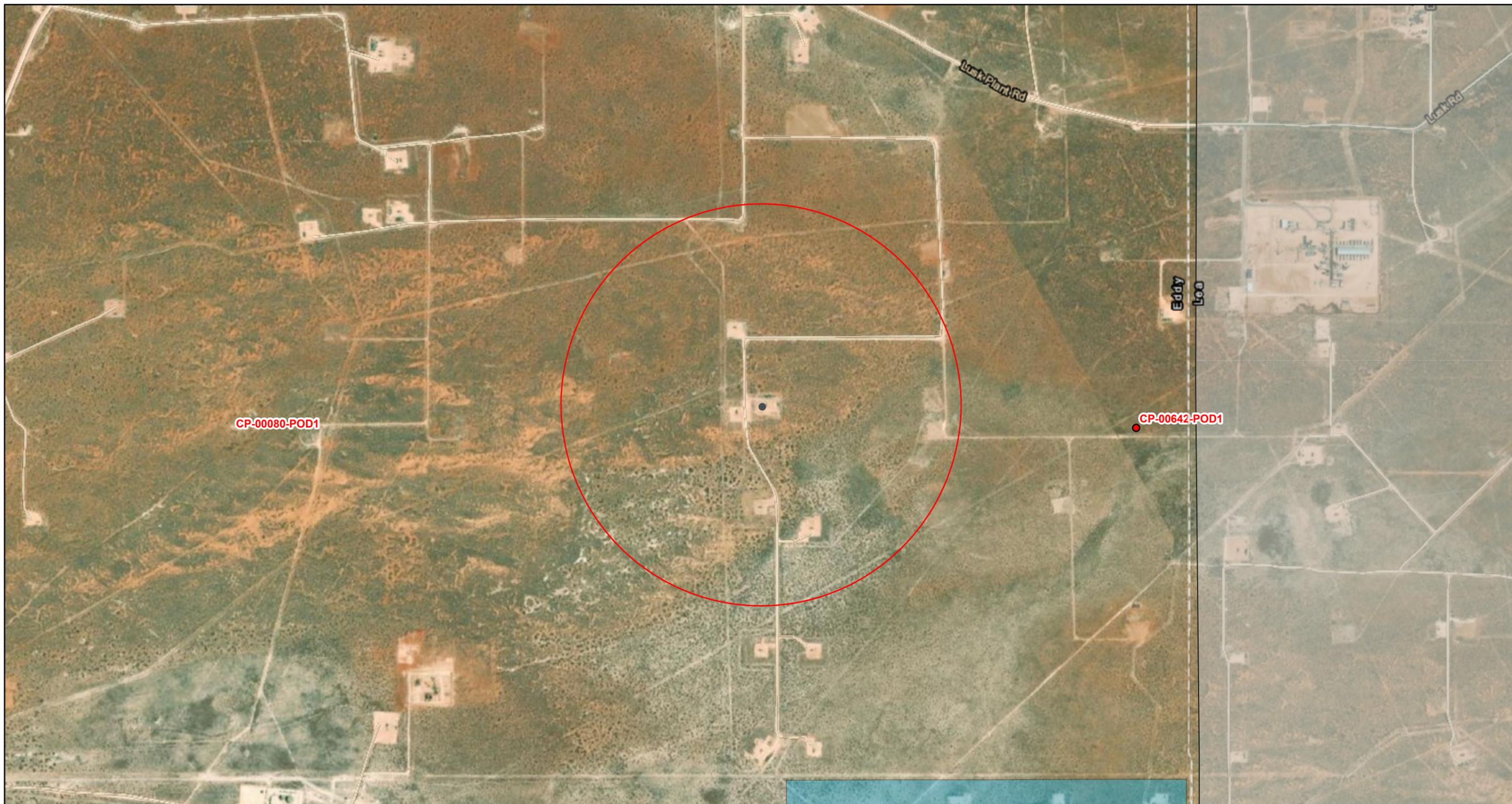
January 10, 2023

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

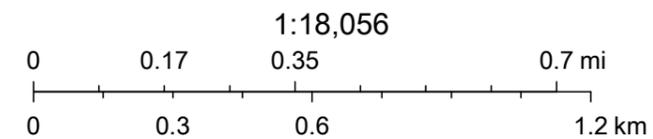
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OSE POD Locations Map



1/10/2023, 11:37:17 AM

- GIS WATERS PODs
- Plugged
- Incomplete
- OSE District Boundary
- Water Right Regulations
- Closure Area
- New Mexico State Trust Lands
- Both Estates
- Site Boundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



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National Water Information System: Mapper

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Site Information

National Flood Hazard Layer FIRMMette



103°50'15"W 32°38'31"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | 17.5 Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°49'38"W 32°38'1"N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **1/10/2023 at 3:07 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

TABLES

Table 1
Summary of Soil Analytical Data - Delineation and Deferral Samples
Regulus 26 Fed 1H Wellpad
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6 C-10) (mg/kg)	DRO (C10 C28) (mg/kg)	GRO + DRO (mg/kg)	MRO (C28 C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Horizontal Delineation Samples													
H-1	1/12/2023	0-0.5'	0.00366	0.00374	0.00643	0.0124	0.0262	<49.9	<49.9	<49.9	<49.9	<49.9	14.2
H-2	1/12/2023	0-0.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	51.0	51.0	<49.8	51.0	17.1
H-3	1/12/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	77.2	77.2	<49.9	77.2	61.2
H-4	1/12/2023	0-0.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	55.9
H-5	1/12/2023	0-0.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	8.85
H-6	1/12/2023	0-0.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	56.8
Vertical Delineation Samples													
S-1	1/12/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	263
S-2	1/12/2023	3-3.5'	<0.00200	<0.00200	0.00290	0.00247	0.00537	<49.9	<49.9	<49.9	<49.9	<49.9	42.4
S-3	1/12/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	169
	1/12/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	101
S-4	1/12/2023	2-2.5'	<0.00199	0.00595	0.00531	0.00786	0.0191	<49.9	<49.9	<49.9	<49.9	<49.9	75.0
	1/12/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	126
Deferral Samples													
D-1	6/19/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	6/19/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	6/19/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
D-2	6/19/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
	6/19/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1010
	6/19/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
	6/19/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	6/19/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208

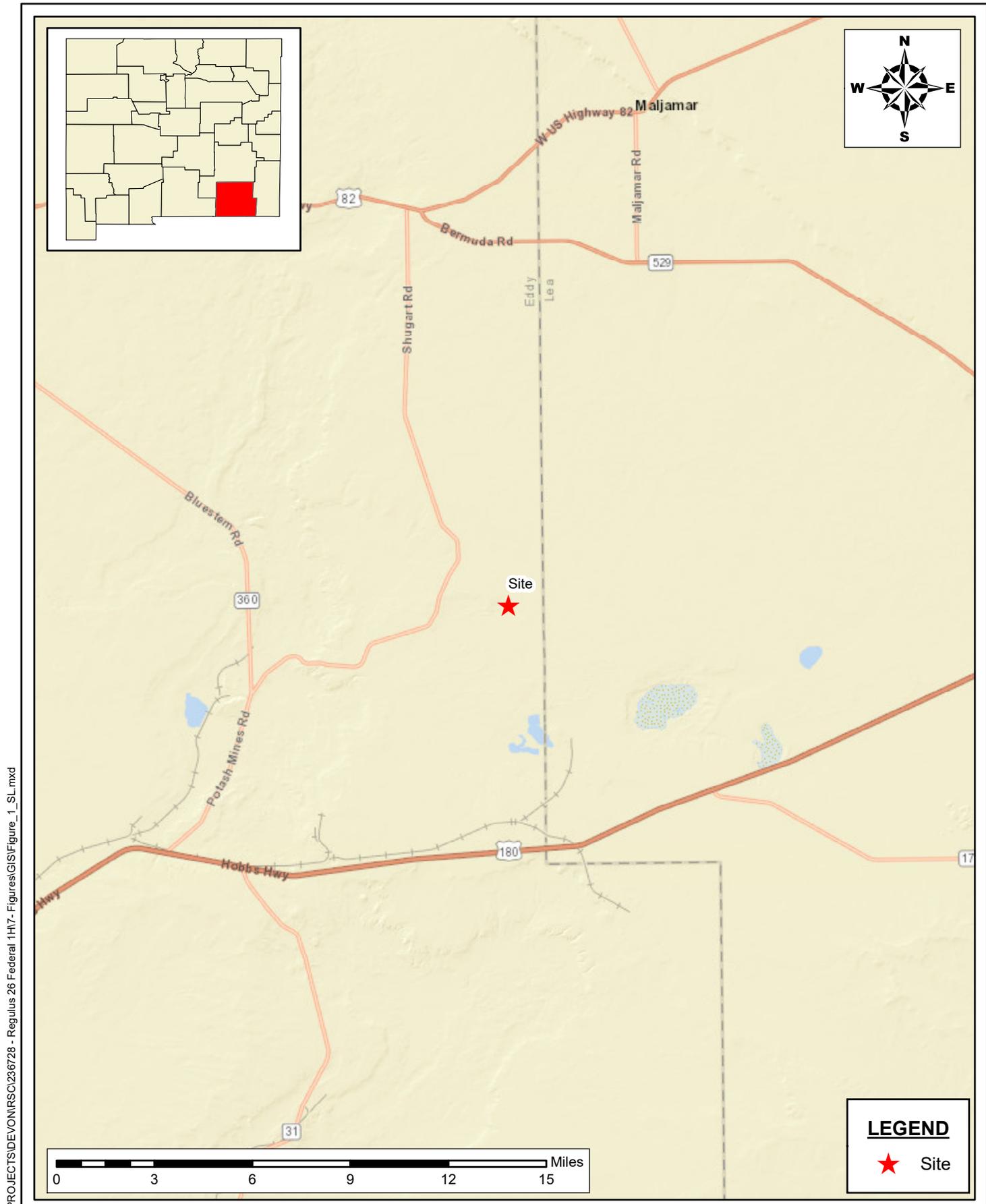
- Notes:
- Values reported in mg/kg
 - < = Value Less Than Reporting Limit (RL)
 - Bold indicates Analyte Detected
 - BTEX analyses by EPA Method SW 8021B
 - TPH analyses by EPA Method SW 8015 Mod.
 - GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
 - Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
 - Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
 - Not Analyzed
-  Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Regulus 26 Fed 1H Wellpad
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)	
								GRO (C6 C-10)	DRO (C10 C28)	GRO + DRO (mg/kg)	MRO (C28 C35) (mg/kg)	Total GRO/DRO/MRO (mg/kg)		
								10 mg/kg	---	---	---	50 mg/kg		---
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC														
Base Confirmation Samples														
CS-1	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-2	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-3	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-4	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-5	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-6	5/16/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-7	5/16/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-8	5/16/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-9	5/16/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-10	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-11	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-12	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-13	5/16/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	480
Sidewall Confirmation Samples														
SW-1	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-2	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-3	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW-4	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	199	199	24.8	223.8	144	
SW-5	5/16/2023	0-4'	<0.050	0.07	<0.050	<0.150	<0.300	<10.0	3080	3080	986	4066	720	
SW-6	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	400
SW-7	5/16/2023	3-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-8	5/16/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	288	288	230	518	1410	
SW-9	5/16/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11	11	<10.0	11	592	
SW-10	5/16/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-11	5/16/2023	3-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.2	19.2	<10.0	19.2	528	
SW-12	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	400
SW-13	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-14	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-15	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-16	5/16/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-17	5/16/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	560

- Notes:
- 1. Values reported in mg/kg
 - 2. < = Value Less Than Reporting Limit (RL)
 - 3. Bold indicates Analyte Detected
 - 4. BTEX analyses by EPA Method SW 8021B
 - 5. TPH analyses by EPA Method SW 8015 Mod.
 - 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
 - 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
 - 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
 - 9. --- Not Analyzed
- SP-1 Sample Point Excavated

FIGURES



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SITE LOCATION MAP
REMEDIATION ACTION REPORT
 REGULUS 26 FEDERAL 1H
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO

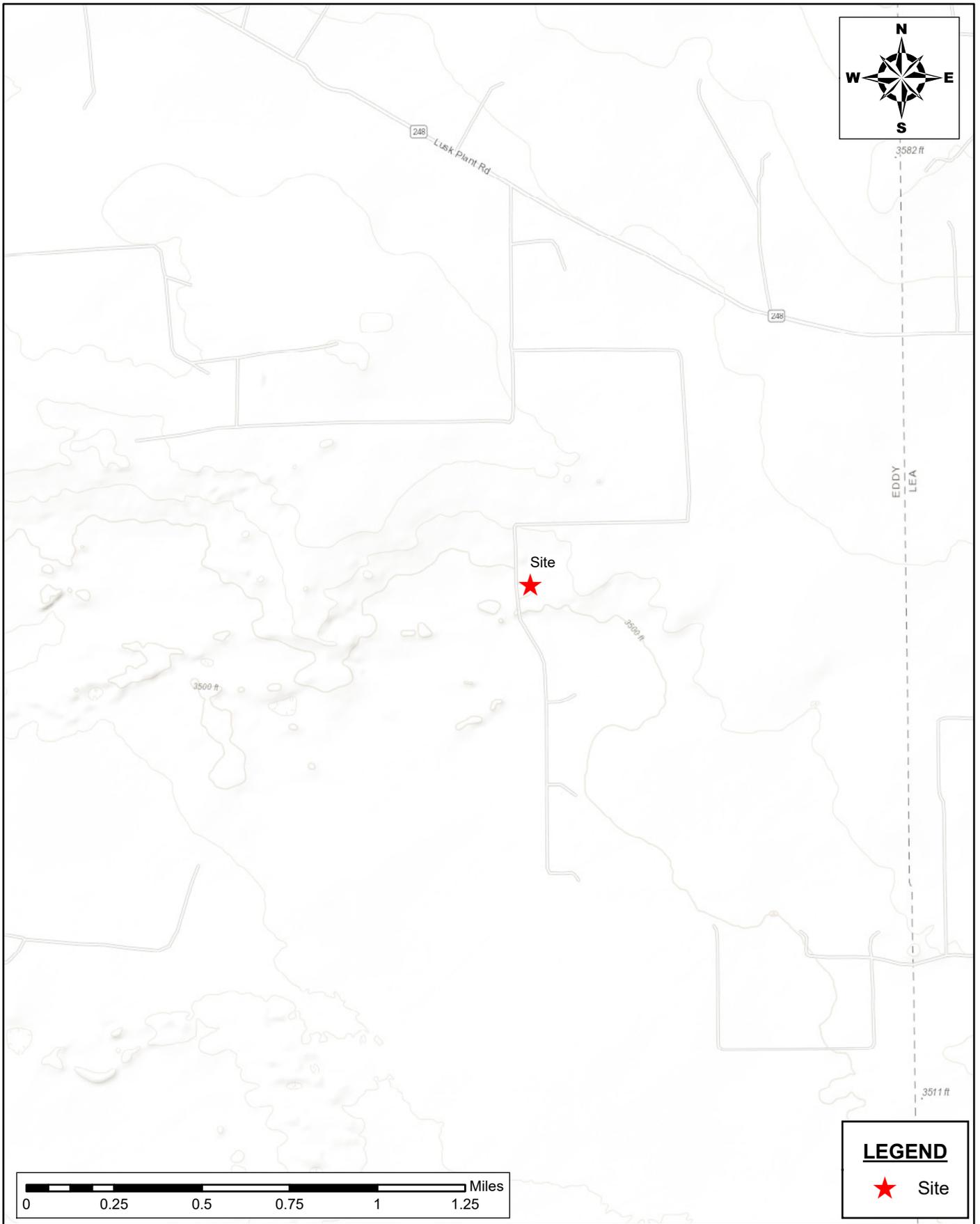
SCALE: As Shown Date: 1/13/2023 PROJECT #: 236728


New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenviromental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

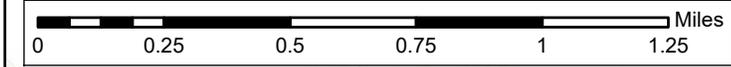
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FIGURE 1
 SHEET NUMBER:
1 of 1

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LEGEND

★ Site



SITE AREA MAP
REMEDIAL ACTION REPORT
 REGULUS 26 FEDERAL 1H
 DEVON ENERGY PRODUCTION COMPANY
 EDDY COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
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NOTES:

- 1. Base Image: ESRI Maps & Data 2013
- 2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

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LEGEND

- Base Samples
- Horizontal Samples
- Area of Release

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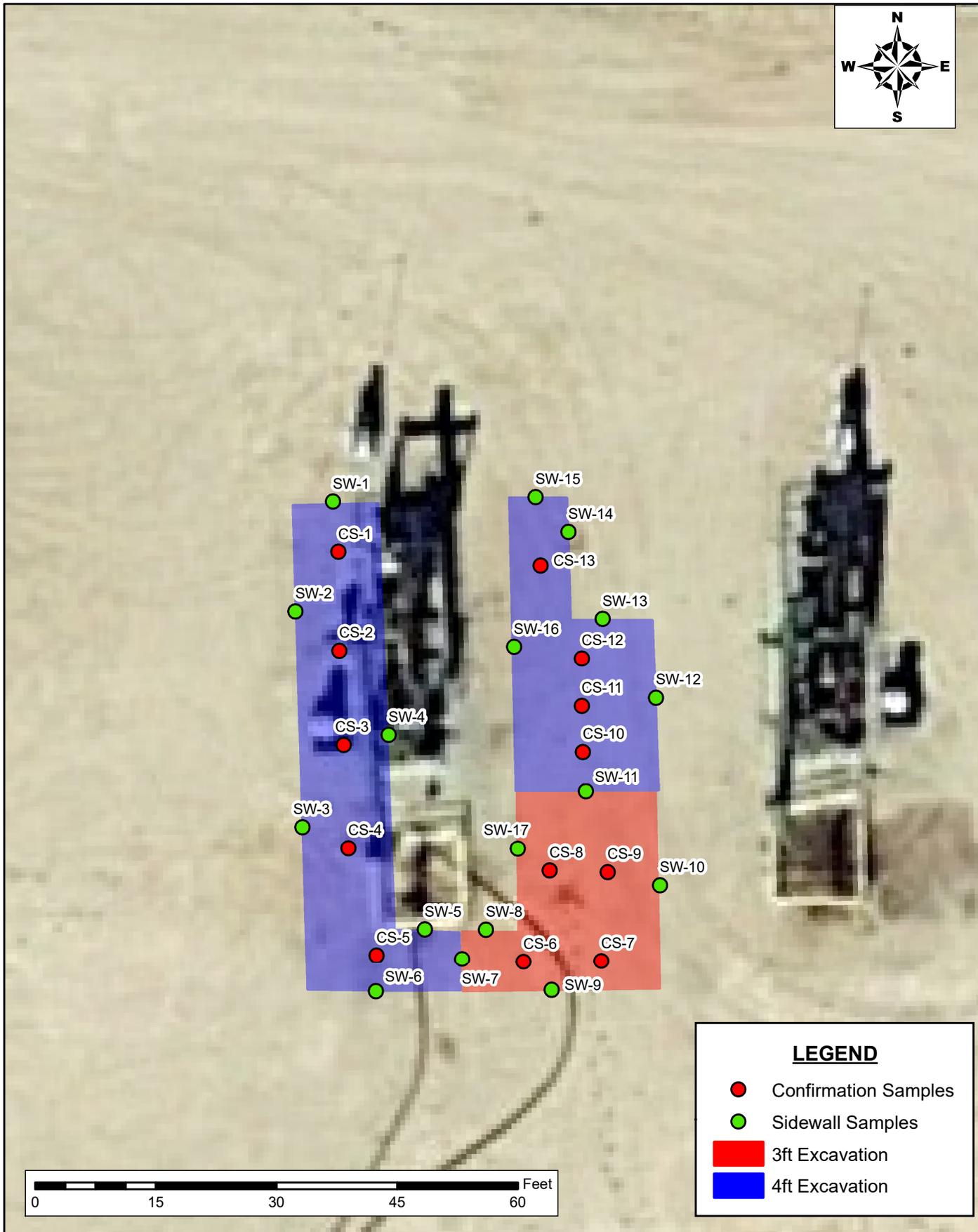
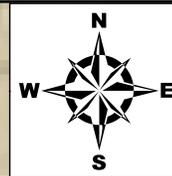
**INITIAL ASSESSMENT MAP
REMEDIAL ACTION REPORT
REGULUS 26 FEDERAL 1H
DEVON ENERGY COMPANY
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 6/28/2023 PROJECT #: 236728

 **NTG ENVIRONMENTAL**
New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

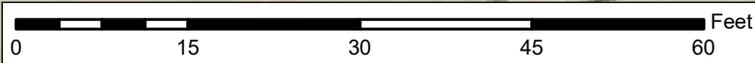
NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1



LEGEND

- Confirmation Samples
- Sidewall Samples
- 3ft Excavation
- 4ft Excavation



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**FINAL CONFIRMATION MAP
REMEDIAL ACTION REPORT**
 REGULUS 26 FEDERAL 1H DEVON
 ENERGY PRODUCTION COMPANY
 | EDDY COUNTY, NEW MEXICO


New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 4
 SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Regulus 26 Federal 1H

Photograph No. 1

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.



Photograph No. 2

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.

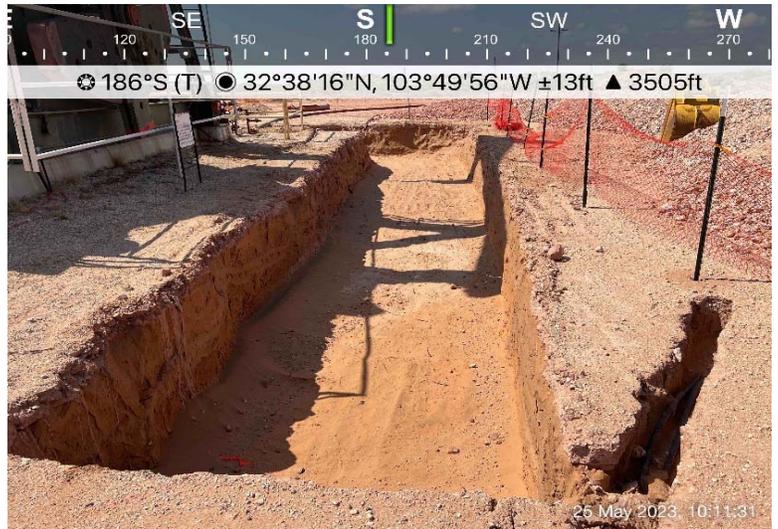


Photograph No. 3

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

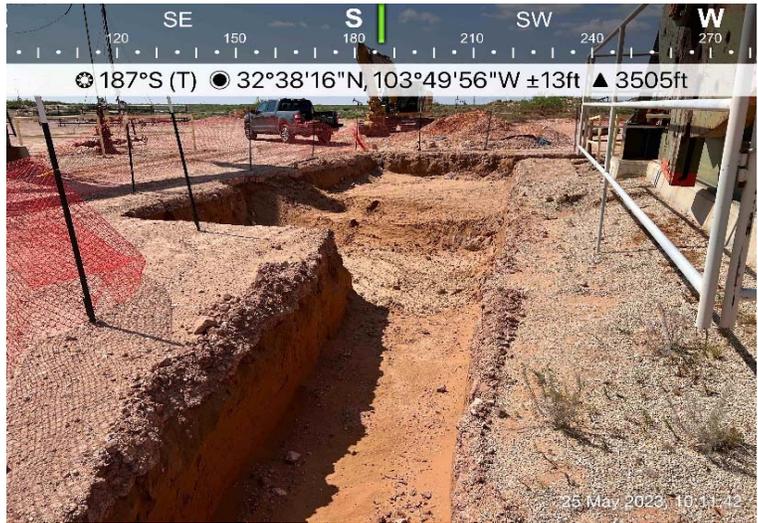
Regulus 26 Federal 1H

Photograph No. 4

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.

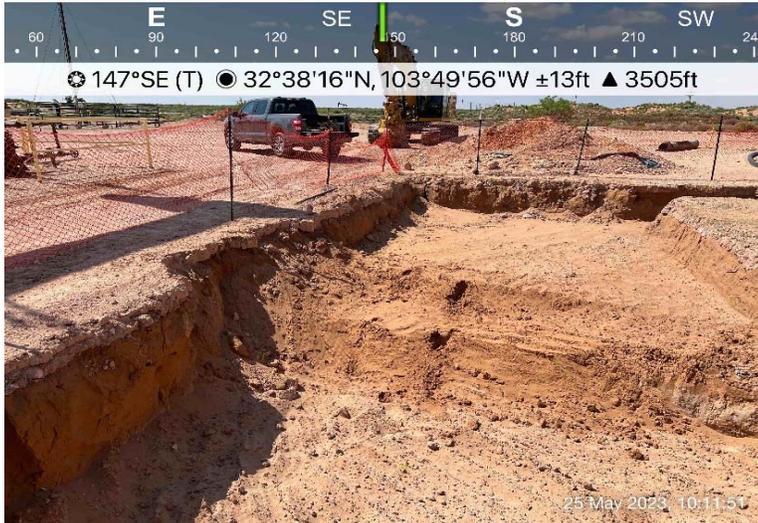


Photograph No. 5

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.



Photograph No. 6

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.



PHOTOGRAPHIC LOG
Devon Energy Production Company
Regulus 26 Federal 1H

Photograph No. 7

Facility: Regulus 26 Federal 1H

County: Eddy County, New Mexico

Description:
Area of excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
 NT Global
 701 Tradewinds Blvd
 Midland, Texas 79706

Generated 1/23/2023 10:58:10 AM

JOB DESCRIPTION

Regulus 26 Federal 1H
 SDG NUMBER 236728

JOB NUMBER

890-3840-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/23/2023 10:58:10 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Laboratory Job ID: 890-3840-1
SDG: 236728

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Definitions/Glossary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Job ID: 890-3840-1

Laboratory: Eurofins Carlsbad**Narrative**

**Job Narrative
890-3840-1****Receipt**

The samples were received on 1/13/2023 12:17 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (890-3840-1), H-2 (890-3840-2), H-3 (890-3840-3), H-4 (890-3840-4), H-5 (890-3840-5), H-6 (890-3840-6), S-1 (3-3.5) (890-3840-7), S-2 (3-3.5) (890-3840-8), S-3 (1-1.5) (890-3840-9), S-3 (2-2.5) (890-3840-10), S-4 (2-2.5) (890-3840-11) and S-4 (3-3.5) (890-3840-12).

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-3840-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-1

Lab Sample ID: 890-3840-1

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00366		0.00202		mg/Kg		01/16/23 13:58	01/18/23 01:44	1
Toluene	0.00374		0.00202		mg/Kg		01/16/23 13:58	01/18/23 01:44	1
Ethylbenzene	0.00643		0.00202		mg/Kg		01/16/23 13:58	01/18/23 01:44	1
m-Xylene & p-Xylene	0.00766		0.00403		mg/Kg		01/16/23 13:58	01/18/23 01:44	1
o-Xylene	0.00469		0.00202		mg/Kg		01/16/23 13:58	01/18/23 01:44	1
Xylenes, Total	0.0124		0.00403		mg/Kg		01/16/23 13:58	01/18/23 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	01/16/23 13:58	01/18/23 01:44	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/16/23 13:58	01/18/23 01:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0262		0.00403		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 10:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 10:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 10:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	01/17/23 10:42	01/20/23 10:50	1
o-Terphenyl	93		70 - 130	01/17/23 10:42	01/20/23 10:50	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		5.00		mg/Kg			01/18/23 14:28	1

Client Sample ID: H-2

Lab Sample ID: 890-3840-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 02:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 02:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 02:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/16/23 13:58	01/18/23 02:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 02:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/16/23 13:58	01/18/23 02:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	01/16/23 13:58	01/18/23 02:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/16/23 13:58	01/18/23 02:04	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-2

Lab Sample ID: 890-3840-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.0		49.8		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/23 10:42	01/20/23 11:56	1
Diesel Range Organics (Over C10-C28)	51.0		49.8		mg/Kg		01/17/23 10:42	01/20/23 11:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/23 10:42	01/20/23 11:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				01/17/23 10:42	01/20/23 11:56	1
o-Terphenyl	89		70 - 130				01/17/23 10:42	01/20/23 11:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		4.97		mg/Kg			01/18/23 14:34	1

Client Sample ID: H-3

Lab Sample ID: 890-3840-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/23 13:58	01/18/23 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				01/16/23 13:58	01/18/23 02:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/16/23 13:58	01/18/23 02:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77.2		49.9		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 13:46	1
Diesel Range Organics (Over C10-C28)	77.2		49.9		mg/Kg		01/17/23 10:42	01/20/23 13:46	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-3

Lab Sample ID: 890-3840-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				01/17/23 10:42	01/20/23 13:46	1
o-Terphenyl	107		70 - 130				01/17/23 10:42	01/20/23 13:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.2		5.05		mg/Kg			01/18/23 14:39	1

Client Sample ID: H-4

Lab Sample ID: 890-3840-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/23 13:58	01/18/23 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				01/16/23 13:58	01/18/23 02:45	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/16/23 13:58	01/18/23 02:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/17/23 10:42	01/20/23 14:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/17/23 10:42	01/20/23 14:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/17/23 10:42	01/20/23 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/17/23 10:42	01/20/23 14:09	1
o-Terphenyl	100		70 - 130				01/17/23 10:42	01/20/23 14:09	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.9		4.99		mg/Kg			01/18/23 14:45	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Client Sample ID: H-5

Lab Sample ID: 890-3840-5

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 03:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 03:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 03:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/16/23 13:58	01/18/23 03:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/16/23 13:58	01/18/23 03:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/16/23 13:58	01/18/23 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	01/16/23 13:58	01/18/23 03:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/16/23 13:58	01/18/23 03:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 14:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/17/23 10:42	01/20/23 14:31	1
o-Terphenyl	83		70 - 130	01/17/23 10:42	01/20/23 14:31	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.85		5.01		mg/Kg			01/18/23 15:02	1

Client Sample ID: H-6

Lab Sample ID: 890-3840-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 03:26	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 03:26	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 03:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/16/23 13:58	01/18/23 03:26	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/16/23 13:58	01/18/23 03:26	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/16/23 13:58	01/18/23 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/16/23 13:58	01/18/23 03:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/16/23 13:58	01/18/23 03:26	1

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Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-6

Lab Sample ID: 890-3840-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 14:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 14:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				01/17/23 10:42	01/20/23 14:53	1
o-Terphenyl	106		70 - 130				01/17/23 10:42	01/20/23 14:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.8		5.00		mg/Kg			01/18/23 15:08	1

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3840-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 03:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				01/16/23 13:58	01/18/23 03:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/16/23 13:58	01/18/23 03:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 15:37	1

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Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3840-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 3 - 3.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 15:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130				01/17/23 10:42	01/20/23 15:37	1
o-Terphenyl	108		70 - 130				01/17/23 10:42	01/20/23 15:37	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	263		5.02		mg/Kg			01/18/23 15:13	1

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3840-8

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
Ethylbenzene	0.00290		0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
o-Xylene	0.00247		0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/16/23 13:58	01/18/23 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				01/16/23 13:58	01/18/23 04:07	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/16/23 13:58	01/18/23 04:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00537		0.00399		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 15:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 15:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/17/23 10:42	01/20/23 15:59	1
o-Terphenyl	95		70 - 130				01/17/23 10:42	01/20/23 15:59	1

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Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3840-8

Date Collected: 01/12/23 00:00
 Date Received: 01/13/23 12:17
 Sample Depth: 3 - 3.5

Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.4		5.01		mg/Kg			01/18/23 15:19	1

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3840-9

Date Collected: 01/12/23 00:00
 Date Received: 01/13/23 12:17
 Sample Depth: 1 - 1.5

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/16/23 13:58	01/18/23 04:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130				01/16/23 13:58	01/18/23 04:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:20	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				01/17/23 10:42	01/20/23 16:20	1
o-Terphenyl	102		70 - 130				01/17/23 10:42	01/20/23 16:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		5.00		mg/Kg			01/18/23 15:25	1

Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3840-10

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/16/23 13:58	01/18/23 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				01/16/23 13:58	01/18/23 04:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130				01/16/23 13:58	01/18/23 04:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				01/17/23 10:42	01/20/23 16:42	1
o-Terphenyl	91		70 - 130				01/17/23 10:42	01/20/23 16:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		5.00		mg/Kg			01/18/23 15:30	1

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3840-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
Toluene	0.00595		0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
Ethylbenzene	0.00531		0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
m-Xylene & p-Xylene	0.00497		0.00398		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
o-Xylene	0.00289		0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
Xylenes, Total	0.00786		0.00398		mg/Kg		01/16/23 13:58	01/18/23 06:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/16/23 13:58	01/18/23 06:38	1

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Client Sample Results

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3840-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	01/16/23 13:58	01/18/23 06:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0191		0.00398		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/23/23 11:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/17/23 10:42	01/20/23 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	01/17/23 10:42	01/20/23 17:05	1
o-Terphenyl	100		70 - 130	01/17/23 10:42	01/20/23 17:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.0		5.02		mg/Kg			01/18/23 15:47	1

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3840-12

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 06:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/16/23 13:58	01/18/23 06:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/16/23 13:58	01/18/23 06:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/16/23 13:58	01/18/23 06:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/16/23 13:58	01/18/23 06:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/19/23 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/23/23 11:26	1

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Client Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3840-12

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Sample Depth: 3 - 3.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 17:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 17:27	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	01/17/23 10:42	01/20/23 17:27	1
o-Terphenyl	105		70 - 130	01/17/23 10:42	01/20/23 17:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		5.00		mg/Kg			01/18/23 15:53	1

Surrogate Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-3840-1	H-1	97	113
890-3840-1 MS	H-1	112	98
890-3840-1 MSD	H-1	119	102
890-3840-2	H-2	127	103
890-3840-3	H-3	120	102
890-3840-4	H-4	128	102
890-3840-5	H-5	128	103
890-3840-6	H-6	125	98
890-3840-7	S-1 (3-3.5)	130	105
890-3840-8	S-2 (3-3.5)	121	96
890-3840-9	S-3 (1-1.5)	122	101
890-3840-10	S-3 (2-2.5)	126	102
890-3840-11	S-4 (2-2.5)	119	98
890-3840-12	S-4 (3-3.5)	122	103
LCS 880-43985/1-A	Lab Control Sample	118	102
LCSD 880-43985/2-A	Lab Control Sample Dup	114	99
MB 880-43985/5-A	Method Blank	116	99
MB 880-43988/5-A	Method Blank	114	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-3840-1	H-1	104	93
890-3840-1 MS	H-1	94	69 S1-
890-3840-1 MSD	H-1	98	73
890-3840-2	H-2	104	89
890-3840-3	H-3	127	107
890-3840-4	H-4	118	100
890-3840-5	H-5	96	83
890-3840-6	H-6	129	106
890-3840-7	S-1 (3-3.5)	125	108
890-3840-8	S-2 (3-3.5)	102	95
890-3840-9	S-3 (1-1.5)	119	102
890-3840-10	S-3 (2-2.5)	100	91
890-3840-11	S-4 (2-2.5)	112	100
890-3840-12	S-4 (3-3.5)	125	105
LCS 880-44144/2-A	Lab Control Sample	121	118
LCSD 880-44144/3-A	Lab Control Sample Dup	101	98
MB 880-44144/1-A	Method Blank	111	103

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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QC Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43985/5-A
 Matrix: Solid
 Analysis Batch: 44130

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 43985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 01:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 01:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 01:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/16/23 13:58	01/18/23 01:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/23 13:58	01/18/23 01:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/23 13:58	01/18/23 01:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	01/16/23 13:58	01/18/23 01:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/16/23 13:58	01/18/23 01:15	1

Lab Sample ID: LCS 880-43985/1-A
 Matrix: Solid
 Analysis Batch: 44130

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 43985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1135		mg/Kg		114	70 - 130
Toluene	0.100	0.1107		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2239		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-43985/2-A
 Matrix: Solid
 Analysis Batch: 44130

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 43985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1007		mg/Kg		101	70 - 130	12	35
Toluene	0.100	0.09925		mg/Kg		99	70 - 130	11	35
Ethylbenzene	0.100	0.09608		mg/Kg		96	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1978		mg/Kg		99	70 - 130	12	35
o-Xylene	0.100	0.09571		mg/Kg		96	70 - 130	12	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-3840-1 MS
 Matrix: Solid
 Analysis Batch: 44130

Client Sample ID: H-1
 Prep Type: Total/NA
 Prep Batch: 43985

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00366		0.0996	0.09115		mg/Kg		88	70 - 130
Toluene	0.00374		0.0996	0.08051		mg/Kg		77	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3840-1 MS
Matrix: Solid
Analysis Batch: 44130

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 43985

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	0.00643		0.0996	0.07801		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	0.00766		0.199	0.1601		mg/Kg		77	70 - 130
o-Xylene	0.00469		0.0996	0.08117		mg/Kg		77	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	112		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: 890-3840-1 MSD
Matrix: Solid
Analysis Batch: 44130

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 43985

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier					
Benzene	0.00366		0.0990	0.1007		mg/Kg		98	70 - 130	10 35
Toluene	0.00374		0.0990	0.08333		mg/Kg		80	70 - 130	3 35
Ethylbenzene	0.00643		0.0990	0.08322		mg/Kg		78	70 - 130	6 35
m-Xylene & p-Xylene	0.00766		0.198	0.1703		mg/Kg		82	70 - 130	6 35
o-Xylene	0.00469		0.0990	0.08859		mg/Kg		85	70 - 130	9 35
MSD MSD										
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	119		70 - 130							
1,4-Difluorobenzene (Surr)	102		70 - 130							

Lab Sample ID: MB 880-43988/5-A
Matrix: Solid
Analysis Batch: 44130

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43988

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/16/23 14:20	01/17/23 12:24	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	114		70 - 130	01/16/23 14:20	01/17/23 12:24	1			
1,4-Difluorobenzene (Surr)	98		70 - 130	01/16/23 14:20	01/17/23 12:24	1			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-44144/1-A
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44144

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 08:13	1

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QC Sample Results

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-44144/1-A
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 44144

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 08:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/17/23 10:42	01/20/23 08:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	111		70 - 130	01/17/23 10:42	01/20/23 08:13	1
o-Terphenyl	103		70 - 130	01/17/23 10:42	01/20/23 08:13	1

Lab Sample ID: LCS 880-44144/2-A
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 44144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	737.5		mg/Kg		74	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	121		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: LCSD 880-44144/3-A
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 44144

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	704.0		mg/Kg		70	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	759.5		mg/Kg		76	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	101		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-3840-1 MS
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 44144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<49.9	U	998	752.1		mg/Kg		71	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	69	S1-	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3840-1 MSD
Matrix: Solid
Analysis Batch: 44408

Client Sample ID: H-1
Prep Type: Total/NA
Prep Batch: 44144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	853.1		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	776.7		mg/Kg		73	70 - 130	3	20
Surrogate	%Recovery	MSD Qualifier		MSD					Limits		
1-Chlorooctane	98								70 - 130		
o-Terphenyl	73								70 - 130		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-44200/1-A
Matrix: Solid
Analysis Batch: 44257

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/18/23 13:54	1

Lab Sample ID: LCS 880-44200/2-A
Matrix: Solid
Analysis Batch: 44257

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.5		mg/Kg		101	90 - 110

Lab Sample ID: LCS 880-44200/3-A
Matrix: Solid
Analysis Batch: 44257

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	246.7		mg/Kg		99	90 - 110

Lab Sample ID: 890-3840-10 MS
Matrix: Solid
Analysis Batch: 44257

Client Sample ID: S-3 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	101		250	355.6		mg/Kg		102	90 - 110

Lab Sample ID: 890-3840-10 MSD
Matrix: Solid
Analysis Batch: 44257

Client Sample ID: S-3 (2-2.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	101		250	350.2		mg/Kg		100	90 - 110	2	20

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QC Association Summary

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

GC VOA

Prep Batch: 43985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	5035	
890-3840-2	H-2	Total/NA	Solid	5035	
890-3840-3	H-3	Total/NA	Solid	5035	
890-3840-4	H-4	Total/NA	Solid	5035	
890-3840-5	H-5	Total/NA	Solid	5035	
890-3840-6	H-6	Total/NA	Solid	5035	
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	5035	
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	5035	
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	5035	
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	5035	
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	5035	
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	5035	
MB 880-43985/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43985/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43985/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3840-1 MS	H-1	Total/NA	Solid	5035	
890-3840-1 MSD	H-1	Total/NA	Solid	5035	

Prep Batch: 43988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43988/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 44130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	8021B	43985
890-3840-2	H-2	Total/NA	Solid	8021B	43985
890-3840-3	H-3	Total/NA	Solid	8021B	43985
890-3840-4	H-4	Total/NA	Solid	8021B	43985
890-3840-5	H-5	Total/NA	Solid	8021B	43985
890-3840-6	H-6	Total/NA	Solid	8021B	43985
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	8021B	43985
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	8021B	43985
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	8021B	43985
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	8021B	43985
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	8021B	43985
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	8021B	43985
MB 880-43985/5-A	Method Blank	Total/NA	Solid	8021B	43985
MB 880-43988/5-A	Method Blank	Total/NA	Solid	8021B	43988
LCS 880-43985/1-A	Lab Control Sample	Total/NA	Solid	8021B	43985
LCSD 880-43985/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43985
890-3840-1 MS	H-1	Total/NA	Solid	8021B	43985
890-3840-1 MSD	H-1	Total/NA	Solid	8021B	43985

Analysis Batch: 44363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	Total BTEX	
890-3840-2	H-2	Total/NA	Solid	Total BTEX	
890-3840-3	H-3	Total/NA	Solid	Total BTEX	
890-3840-4	H-4	Total/NA	Solid	Total BTEX	
890-3840-5	H-5	Total/NA	Solid	Total BTEX	
890-3840-6	H-6	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

GC VOA (Continued)

Analysis Batch: 44363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 44144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	8015NM Prep	
890-3840-2	H-2	Total/NA	Solid	8015NM Prep	
890-3840-3	H-3	Total/NA	Solid	8015NM Prep	
890-3840-4	H-4	Total/NA	Solid	8015NM Prep	
890-3840-5	H-5	Total/NA	Solid	8015NM Prep	
890-3840-6	H-6	Total/NA	Solid	8015NM Prep	
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	8015NM Prep	
MB 880-44144/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-44144/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-44144/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3840-1 MS	H-1	Total/NA	Solid	8015NM Prep	
890-3840-1 MSD	H-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 44408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	8015B NM	44144
890-3840-2	H-2	Total/NA	Solid	8015B NM	44144
890-3840-3	H-3	Total/NA	Solid	8015B NM	44144
890-3840-4	H-4	Total/NA	Solid	8015B NM	44144
890-3840-5	H-5	Total/NA	Solid	8015B NM	44144
890-3840-6	H-6	Total/NA	Solid	8015B NM	44144
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	8015B NM	44144
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	8015B NM	44144
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	8015B NM	44144
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	8015B NM	44144
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	8015B NM	44144
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	8015B NM	44144
MB 880-44144/1-A	Method Blank	Total/NA	Solid	8015B NM	44144
LCS 880-44144/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	44144
LCSD 880-44144/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	44144
890-3840-1 MS	H-1	Total/NA	Solid	8015B NM	44144
890-3840-1 MSD	H-1	Total/NA	Solid	8015B NM	44144

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QC Association Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

GC Semi VOA

Analysis Batch: 44543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Total/NA	Solid	8015 NM	
890-3840-2	H-2	Total/NA	Solid	8015 NM	
890-3840-3	H-3	Total/NA	Solid	8015 NM	
890-3840-4	H-4	Total/NA	Solid	8015 NM	
890-3840-5	H-5	Total/NA	Solid	8015 NM	
890-3840-6	H-6	Total/NA	Solid	8015 NM	
890-3840-7	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-3840-8	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-3840-9	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-3840-10	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-3840-11	S-4 (2-2.5)	Total/NA	Solid	8015 NM	
890-3840-12	S-4 (3-3.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 44200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Soluble	Solid	DI Leach	
890-3840-2	H-2	Soluble	Solid	DI Leach	
890-3840-3	H-3	Soluble	Solid	DI Leach	
890-3840-4	H-4	Soluble	Solid	DI Leach	
890-3840-5	H-5	Soluble	Solid	DI Leach	
890-3840-6	H-6	Soluble	Solid	DI Leach	
890-3840-7	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3840-8	S-2 (3-3.5)	Soluble	Solid	DI Leach	
890-3840-9	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-3840-10	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-3840-11	S-4 (2-2.5)	Soluble	Solid	DI Leach	
890-3840-12	S-4 (3-3.5)	Soluble	Solid	DI Leach	
MB 880-44200/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44200/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-44200/3-A	Lab Control Sample	Soluble	Solid	DI Leach	
890-3840-10 MS	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-3840-10 MSD	S-3 (2-2.5)	Soluble	Solid	DI Leach	

Analysis Batch: 44257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3840-1	H-1	Soluble	Solid	300.0	44200
890-3840-2	H-2	Soluble	Solid	300.0	44200
890-3840-3	H-3	Soluble	Solid	300.0	44200
890-3840-4	H-4	Soluble	Solid	300.0	44200
890-3840-5	H-5	Soluble	Solid	300.0	44200
890-3840-6	H-6	Soluble	Solid	300.0	44200
890-3840-7	S-1 (3-3.5)	Soluble	Solid	300.0	44200
890-3840-8	S-2 (3-3.5)	Soluble	Solid	300.0	44200
890-3840-9	S-3 (1-1.5)	Soluble	Solid	300.0	44200
890-3840-10	S-3 (2-2.5)	Soluble	Solid	300.0	44200
890-3840-11	S-4 (2-2.5)	Soluble	Solid	300.0	44200
890-3840-12	S-4 (3-3.5)	Soluble	Solid	300.0	44200
MB 880-44200/1-A	Method Blank	Soluble	Solid	300.0	44200
LCS 880-44200/2-A	Lab Control Sample	Soluble	Solid	300.0	44200

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

HPLC/IC (Continued)

Analysis Batch: 44257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-44200/3-A	Lab Control Sample	Soluble	Solid	300.0	44200
890-3840-10 MS	S-3 (2-2.5)	Soluble	Solid	300.0	44200
890-3840-10 MSD	S-3 (2-2.5)	Soluble	Solid	300.0	44200

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Lab Chronicle

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-1

Lab Sample ID: 890-3840-1

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 10:50	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 14:28	CH	EET MID

Client Sample ID: H-2

Lab Sample ID: 890-3840-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 02:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 11:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 14:34	CH	EET MID

Client Sample ID: H-3

Lab Sample ID: 890-3840-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 02:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 13:46	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 14:39	CH	EET MID

Client Sample ID: H-4

Lab Sample ID: 890-3840-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 02:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID

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Lab Chronicle

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Client Sample ID: H-4

Lab Sample ID: 890-3840-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 14:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 14:45	CH	EET MID

Client Sample ID: H-5

Lab Sample ID: 890-3840-5

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 14:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:02	CH	EET MID

Client Sample ID: H-6

Lab Sample ID: 890-3840-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 14:53	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:08	CH	EET MID

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3840-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 15:37	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3840-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:13	CH	EET MID

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3840-8

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 04:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 15:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:19	CH	EET MID

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3840-9

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 16:20	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:25	CH	EET MID

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3840-10

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 04:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 16:42	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:30	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-3840-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 06:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 17:05	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:47	CH	EET MID

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-3840-12

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 12:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43985	01/16/23 13:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	44130	01/18/23 06:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44363	01/19/23 14:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44543	01/23/23 11:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	44144	01/17/23 10:42	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	44408	01/20/23 17:27	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44200	01/17/23 16:52	KS	EET MID
Soluble	Analysis	300.0		1			44257	01/18/23 15:53	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: NT Global
 Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
 SDG: 236728

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: NT Global
Project/Site: Regulus 26 Federal 1H

Job ID: 890-3840-1
SDG: 236728

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3840-1	H-1	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-2	H-2	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-3	H-3	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-4	H-4	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-5	H-5	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-6	H-6	Solid	01/12/23 00:00	01/13/23 12:17	
890-3840-7	S-1 (3-3.5)	Solid	01/12/23 00:00	01/13/23 12:17	3 - 3.5
890-3840-8	S-2 (3-3.5)	Solid	01/12/23 00:00	01/13/23 12:17	3 - 3.5
890-3840-9	S-3 (1-1.5)	Solid	01/12/23 00:00	01/13/23 12:17	1 - 1.5
890-3840-10	S-3 (2-2.5)	Solid	01/12/23 00:00	01/13/23 12:17	2 - 2.5
890-3840-11	S-4 (2-2.5)	Solid	01/12/23 00:00	01/13/23 12:17	2 - 2.5
890-3840-12	S-4 (3-3.5)	Solid	01/12/23 00:00	01/13/23 12:17	3 - 3.5

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Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Catsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Regulus 26 Federal 1H	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	236728	Due Date:			
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Jordan Tyner	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
PO #:	21105973	Thermometer ID:	72007		
SAMPLE RECEIPT	Temp Blank:	Correction Factor:	0.0		
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Temperature Reading:	2.8		
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temperature:	2.6		
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Total Containers:	125				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
H-1	1/12/2023		X		Comp	1	X	X	X	
H-2	1/12/2023		X		Comp	1	X	X	X	
H-3	1/12/2023		X		Comp	1	X	X	X	
H-4	1/12/2023		X		Comp	1	X	X	X	
H-5	1/12/2023		X		Comp	1	X	X	X	
H-6	1/12/2023		X		Comp	1	X	X	X	
S-1 (3-3-5)	1/12/2023		X		Comp	1	X	X	X	
S-2 (3-3-5)	1/12/2023		X		Comp	1	X	X	X	
S-3 (1-1-5)	1/12/2023		X		Comp	1	X	X	X	
S-3 (2-2-5)	1/12/2023		X		Comp	1	X	X	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-13-23 12:17			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3840-1

SDG Number: 236728

Login Number: 3840

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3840-1

SDG Number: 236728

Login Number: 3840

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 01/16/23 02:06 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 29, 2023

ETHAN SESSUMS
NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND, TX 79706

RE: REGULUS 26 FED 1H WELLPAD

Enclosed are the results of analyses for samples received by the laboratory on 05/17/23 12:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 1 (4')	H232474-01	Soil	16-May-23 00:00	17-May-23 12:05
CS - 2 (4')	H232474-02	Soil	16-May-23 00:00	17-May-23 12:05
CS - 3 (4')	H232474-03	Soil	16-May-23 00:00	17-May-23 12:05
CS - 4 (4')	H232474-04	Soil	16-May-23 00:00	17-May-23 12:05
CS - 5 (4')	H232474-05	Soil	16-May-23 00:00	17-May-23 12:05
CS - 6 (3')	H232474-06	Soil	16-May-23 00:00	17-May-23 12:05
CS - 7 (3')	H232474-07	Soil	16-May-23 00:00	17-May-23 12:05
CS - 8 (3')	H232474-08	Soil	16-May-23 00:00	17-May-23 12:05
CS - 9 (3')	H232474-09	Soil	16-May-23 00:00	17-May-23 12:05
CS - 10 (4')	H232474-10	Soil	16-May-23 00:00	17-May-23 12:05
CS - 11 (4')	H232474-11	Soil	16-May-23 00:00	17-May-23 12:05
CS - 12 (4')	H232474-12	Soil	16-May-23 00:00	17-May-23 12:05
CS - 13 (4')	H232474-13	Soil	16-May-23 00:00	17-May-23 12:05
SW - 1 (0-4')	H232474-14	Soil	16-May-23 00:00	17-May-23 12:05
SW - 2 (0-4')	H232474-15	Soil	16-May-23 00:00	17-May-23 12:05
SW - 3 (0-4')	H232474-16	Soil	16-May-23 00:00	17-May-23 12:05
SW - 4 (0-4')	H232474-17	Soil	16-May-23 00:00	17-May-23 12:05
SW - 5 (0-4')	H232474-18	Soil	16-May-23 00:00	17-May-23 12:05
SW - 6 (0-4')	H232474-19	Soil	16-May-23 00:00	17-May-23 12:05
SW - 7 (3-4')	H232474-20	Soil	16-May-23 00:00	17-May-23 12:05
SW - 8 (0-3')	H232474-21	Soil	16-May-23 00:00	17-May-23 12:05
SW - 9 (0-3')	H232474-22	Soil	16-May-23 00:00	17-May-23 12:05
SW - 10 (0-3')	H232474-23	Soil	16-May-23 00:00	17-May-23 12:05
SW - 11 (3-4')	H232474-24	Soil	16-May-23 00:00	17-May-23 12:05
SW - 12 (0-4')	H232474-25	Soil	16-May-23 00:00	17-May-23 12:05
SW - 13 (0-4')	H232474-26	Soil	16-May-23 00:00	17-May-23 12:05
SW - 14 (0-4')	H232474-27	Soil	16-May-23 00:00	17-May-23 12:05

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 15 (0-4')	H232474-28	Soil	16-May-23 00:00	17-May-23 12:05
SW - 16 (0-4')	H232474-29	Soil	16-May-23 00:00	17-May-23 12:05
SW - 17 (0-3')	H232474-30	Soil	16-May-23 00:00	17-May-23 12:05

06/15/23 - Client changed some sample IDs (see COC). This is the revised report and will replace the one sent on 05/19/23.

06/29/23 - Client changed the sample ID on -11 (see COC). This is the 2nd revision of the report and will replace the one sent on 06/15/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 1 (4')
H232474-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %		71.5-134	3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.3 %		48.2-134	3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.2 %		49.1-148	3051719	MS	17-May-23	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 2 (4')
H232474-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.5 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.9 %	49.1-148		3051719	MS	17-May-23	8015B	
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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 3 (4')
H232474-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.1 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.1 %	49.1-148		3051719	MS	17-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 4 (4')
H232474-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.8 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.8 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 5 (4')
H232474-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.3 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.0 %	49.1-148		3051719	MS	17-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 6 (3')
H232474-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.9 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.5 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 7 (3')
H232474-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	160		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.4 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.5 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 8 (3')
H232474-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.9 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.7 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 9 (3')
H232474-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	176		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.1 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.6 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 10 (4')
H232474-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	560		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.4 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.4 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 11 (4')
H232474-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	656		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.1 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			75.4 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 12 (4')
H232474-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	464		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

Surrogate: 1-Chlorooctane			73.9 %	48.2-134		3051719	MS	17-May-23	8015B	
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Surrogate: 1-Chlorooctadecane			75.7 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**CS - 13 (4')
H232474-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	480		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.3 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.1 %	49.1-148		3051719	MS	17-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 1 (0-4')

H232474-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.4 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.4 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 2 (0-4')

H232474-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	3051744	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.0 %	48.2-134		3051719	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.6 %	49.1-148		3051719	MS	17-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 3 (0-4')

H232474-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	416		16.0	mg/kg	4	3051744	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.1 %		48.2-134	3051719	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.9 %		49.1-148	3051719	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 4 (0-4')
H232474-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3051744	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
DRO >C10-C28*	199		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
EXT DRO >C28-C36	24.8		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.9 %		48.2-134	3051719	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.8 %		49.1-148	3051719	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 5 (0-4')
H232474-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	720		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	0.070		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

S-04

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
DRO >C10-C28*	3080		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
EXT DRO >C28-C36	986		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.6 %	48.2-134		3051719	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			176 %	49.1-148		3051719	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 6 (0-4')
H232474-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	400		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	71.5-134		3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.0 %	48.2-134		3051719	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.4 %	49.1-148		3051719	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 7 (3-4')

H232474-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	208		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051737	JH	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051737	JH	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051737	JH	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		71.5-134	3051737	JH	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051719	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.6 %		48.2-134	3051719	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.2 %		49.1-148	3051719	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 8 (0-3')
H232474-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	1410		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051718	MS	17-May-23	8015B	
DRO >C10-C28*	288		10.0	mg/kg	1	3051718	MS	17-May-23	8015B	
EXT DRO >C28-C36	230		10.0	mg/kg	1	3051718	MS	17-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.7 %	48.2-134		3051718	MS	17-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	49.1-148		3051718	MS	17-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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SW - 9 (0-3')

H232474-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	592		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	11.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.3 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 10 (0-3')
H232474-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.2 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.4 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 11 (3-4')
H232474-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	528		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	19.2		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.6 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 12 (0-4')
H232474-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	400		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.0 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.5 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 13 (0-4')
H232474-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.0 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.2 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 14 (0-4')
H232474-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	304		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.8 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 15 (0-4')
H232474-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	3051745	AC	17-May-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.5 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.5 %	49.1-148		3051720	MS	18-May-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 16 (0-4')
H232474-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.1 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.8 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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**SW - 17 (0-3')
H232474-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	560		16.0	mg/kg	4	3051745	AC	17-May-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3051738	JH/	18-May-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3051738	JH/	18-May-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3051738	JH/	18-May-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3051720	MS	18-May-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.8 %	48.2-134		3051720	MS	18-May-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.7 %	49.1-148		3051720	MS	18-May-23	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051744 - 1:4 DI Water

Blank (3051744-BLK1)				Prepared & Analyzed: 17-May-23						
Chloride	ND	16.0	mg/kg							
LCS (3051744-BS1)				Prepared & Analyzed: 17-May-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3051744-BSD1)				Prepared & Analyzed: 17-May-23						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

Batch 3051745 - 1:4 DI Water

Blank (3051745-BLK1)				Prepared & Analyzed: 17-May-23						
Chloride	ND	16.0	mg/kg							
LCS (3051745-BS1)				Prepared & Analyzed: 17-May-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3051745-BSD1)				Prepared & Analyzed: 17-May-23						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: REGULUS 26 FED 1H WELLPAD
Project Number: 236728
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
29-Jun-23 09:37

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051737 - Volatiles**Blank (3051737-BLK1)**

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		99.9	71.5-134			

LCS (3051737-BS1)

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	2.23	0.050	mg/kg	2.00		111	81.4-118			
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-121			
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	86.1-120			
m,p-Xylene	4.38	0.100	mg/kg	4.00		109	88.2-124			
o-Xylene	2.09	0.050	mg/kg	2.00		105	84.9-118			
Total Xylenes	6.47	0.150	mg/kg	6.00		108	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0476		mg/kg	0.0500		95.2	71.5-134			

LCS Dup (3051737-BSD1)

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	2.35	0.050	mg/kg	2.00		117	81.4-118	5.15	15.8	
Toluene	2.30	0.050	mg/kg	2.00		115	88.7-121	4.28	15.9	
Ethylbenzene	2.25	0.050	mg/kg	2.00		113	86.1-120	5.67	16	
m,p-Xylene	4.61	0.100	mg/kg	4.00		115	88.2-124	5.12	16.2	
o-Xylene	2.18	0.050	mg/kg	2.00		109	84.9-118	4.17	16.7	
Total Xylenes	6.79	0.150	mg/kg	6.00		113	87.3-122	4.82	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0484		mg/kg	0.0500		96.9	71.5-134			

Batch 3051738 - Volatiles**Blank (3051738-BLK1)**

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051738 - Volatiles

Blank (3051738-BLK1)

Prepared: 17-May-23 Analyzed: 18-May-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	71.5-134			

LCS (3051738-BS1)

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	1.99	0.050	mg/kg	2.00		99.6	81.4-118			
Toluene	2.04	0.050	mg/kg	2.00		102	88.7-121			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.1	86.1-120			
m,p-Xylene	4.13	0.100	mg/kg	4.00		103	88.2-124			
o-Xylene	1.94	0.050	mg/kg	2.00		97.2	84.9-118			
Total Xylenes	6.07	0.150	mg/kg	6.00		101	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	71.5-134			

LCS Dup (3051738-BSD1)

Prepared: 17-May-23 Analyzed: 18-May-23

Benzene	2.13	0.050	mg/kg	2.00		107	81.4-118	6.93	15.8	
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-121	7.27	15.9	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	86.1-120	5.84	16	
m,p-Xylene	4.41	0.100	mg/kg	4.00		110	88.2-124	6.46	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118	6.90	16.7	
Total Xylenes	6.49	0.150	mg/kg	6.00		108	87.3-122	6.60	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	71.5-134			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051718 - General Prep - Organics

Blank (3051718-BLK1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.1		mg/kg	49.6		97.0	48.2-134			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.6	49.1-148			

LCS (3051718-BS1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	189	10.0	mg/kg	200		94.4	78.5-124			
DRO >C10-C28	165	10.0	mg/kg	200		82.5	72.5-126			
Total TPH C6-C28	354	10.0	mg/kg	400		88.5	77.6-123			
Surrogate: 1-Chlorooctane	56.8		mg/kg	49.6		115	48.2-134			
Surrogate: 1-Chlorooctadecane	56.2		mg/kg	50.0		112	49.1-148			

LCS Dup (3051718-BS1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	194	10.0	mg/kg	200		96.9	78.5-124	2.54	17.7	
DRO >C10-C28	180	10.0	mg/kg	200		90.0	72.5-126	8.69	21	
Total TPH C6-C28	374	10.0	mg/kg	400		93.4	77.6-123	5.45	18.5	
Surrogate: 1-Chlorooctane	55.4		mg/kg	49.6		112	48.2-134			
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	49.1-148			

Batch 3051719 - General Prep - Organics

Blank (3051719-BLK1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.9		mg/kg	49.6		78.5	48.2-134			
Surrogate: 1-Chlorooctadecane	40.5		mg/kg	50.0		81.0	49.1-148			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051719 - General Prep - Organics

LCS (3051719-BS1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	181	10.0	mg/kg	200		90.4	78.5-124			
DRO >C10-C28	180	10.0	mg/kg	200		90.2	72.5-126			
Total TPH C6-C28	361	10.0	mg/kg	400		90.3	77.6-123			
Surrogate: 1-Chlorooctane	42.9		mg/kg	49.6		86.6	48.2-134			
Surrogate: 1-Chlorooctadecane	47.3		mg/kg	50.0		94.7	49.1-148			

LCS Dup (3051719-BSD1)		Prepared & Analyzed: 17-May-23								
GRO C6-C10	185	10.0	mg/kg	200		92.5	78.5-124	2.31	17.7	
DRO >C10-C28	182	10.0	mg/kg	200		90.9	72.5-126	0.826	21	
Total TPH C6-C28	367	10.0	mg/kg	400		91.7	77.6-123	1.57	18.5	
Surrogate: 1-Chlorooctane	42.9		mg/kg	49.6		86.6	48.2-134			
Surrogate: 1-Chlorooctadecane	47.1		mg/kg	50.0		94.2	49.1-148			

Batch 3051720 - General Prep - Organics

Blank (3051720-BLK1)		Prepared: 17-May-23 Analyzed: 18-May-23								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	37.3		mg/kg	49.6		75.2	48.2-134			
Surrogate: 1-Chlorooctadecane	39.7		mg/kg	50.0		79.5	49.1-148			

LCS (3051720-BS1)		Prepared: 17-May-23 Analyzed: 18-May-23								
GRO C6-C10	162	10.0	mg/kg	200		80.8	78.5-124			
DRO >C10-C28	168	10.0	mg/kg	200		84.0	72.5-126			
Total TPH C6-C28	330	10.0	mg/kg	400		82.4	77.6-123			
Surrogate: 1-Chlorooctane	42.5		mg/kg	49.6		85.7	48.2-134			
Surrogate: 1-Chlorooctadecane	42.1		mg/kg	50.0		84.3	49.1-148			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REGULUS 26 FED 1H WELLPAD Project Number: 236728 Project Manager: ETHAN SESSUMS Fax To:	Reported: 29-Jun-23 09:37
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3051720 - General Prep - Organics

LCS Dup (3051720-BSD1)

Prepared: 17-May-23 Analyzed: 18-May-23

GRO C6-C10	153	10.0	mg/kg	200		76.3	78.5-124	5.79	17.7	BS-3
DRO >C10-C28	159	10.0	mg/kg	200		79.3	72.5-126	5.73	21	
Total TPH C6-C28	311	10.0	mg/kg	400		77.8	77.6-123	5.76	18.5	
Surrogate: 1-Chlorooctane	41.7		mg/kg	49.6		84.1	48.2-134			
Surrogate: 1-Chlorooctadecane	41.0		mg/kg	50.0		82.0	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celest D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

1232474

Page 1 of 3

Page 41 of 43

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dm.com

Program:	UST/PST	PRP	Brownfields	RRC	Superfund
State of Project:					
Reporting Level:	Level II	Level III	PST/UST	TRRP	Level IV
Deliverables:	EDD	ADAPT	Other:		

Project Name:	Regulus 26 Fed 1H Wellpad	Turn Around		Pres. Code	ANALYSIS REQUEST						Preservative Codes		
		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	48hr							
Project Location:	Eddy County, NM	TAT starts the day received by the lab, if received by 4:30pm									None: NO	DI Water: H ₂ O	
Sampler's Name:	Kellan Smith										Cool: Cool	MeOH: Me	
PO #:	21105973										HCL: HC	HNO ₃ : HN	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	Yes <input checked="" type="checkbox"/> No							H ₂ SO ₄ : H ₂	NaOH: Na	
Received Inact:	Yes <input checked="" type="checkbox"/> No										H ₃ PO ₄ : HP		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No										NaHSO ₄ : NABIS		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No										Na ₂ S ₂ O ₃ : NaSO ₃		
Total Containers:	30										Zn Acetate+NaOH: Zn		
											NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters				Sample Comments		
CS-1 (4')	5/16/2023		X		Comp	1	X	X	X				
CS-2 (4')	5/16/2023		X		Comp	1	X	X	X				
CS-3 (4')	5/16/2023		X		Comp	1	X	X	X				
CS-4 (4')	5/16/2023		X		Comp	1	X	X	X				
CS-5 (4')	5/16/2023		X		Comp	1	X	X	X				
CS-6 (3')	5/16/2023		X		Comp	1	X	X	X				
CS-7 (3')	5/16/2023		X		Comp	1	X	X	X				
CS-8 (3')	5/16/2023		X		Comp	1	X	X	X				
CS-9 (3')	5/16/2023		X		Comp	1	X	X	X				
CS-10 (3S) 4'	5/16/2023		X		Comp	1	X	X	X				

* Customer requested ID change. To: 6/14/23

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-17-23 1205			



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: REGULUS 26 FED 1H WELLPAD

Enclosed are the results of analyses for samples received by the laboratory on 06/19/23 15:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 1 (4-4.5) (H233169-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	1.82	90.9	2.00	9.07	
Toluene*	<0.050	0.050	06/20/2023	ND	1.78	88.9	2.00	10.3	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.81	90.3	2.00	11.7	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.46	91.0	6.00	11.7	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 1 (5-5.5) (H233169-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	1.82	90.9	2.00	9.07		
Toluene*	<0.050	0.050	06/20/2023	ND	1.78	88.9	2.00	10.3		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.81	90.3	2.00	11.7		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.46	91.0	6.00	11.7		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88		
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND						

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 1 (6-6.5) (H233169-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/20/2023	ND	1.82	90.9	2.00	9.07		
Toluene*	<0.050	0.050	06/20/2023	ND	1.78	88.9	2.00	10.3		
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.81	90.3	2.00	11.7		
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.46	91.0	6.00	11.7		
Total BTEX	<0.300	0.300	06/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88		
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58		
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND						

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 2 (4-4.5) (H233169-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	1.82	90.9	2.00	9.07	
Toluene*	<0.050	0.050	06/20/2023	ND	1.78	88.9	2.00	10.3	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.81	90.3	2.00	11.7	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.46	91.0	6.00	11.7	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 2 (5-5.5) (H233169-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/20/2023	ND	1.82	90.9	2.00	9.07	
Toluene*	<0.050	0.050	06/20/2023	ND	1.78	88.9	2.00	10.3	
Ethylbenzene*	<0.050	0.050	06/20/2023	ND	1.81	90.3	2.00	11.7	
Total Xylenes*	<0.150	0.150	06/20/2023	ND	5.46	91.0	6.00	11.7	
Total BTEX	<0.300	0.300	06/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 2 (6-6.5) (H233169-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.85	92.5	2.00	2.76	
Toluene*	<0.050	0.050	06/21/2023	ND	1.85	92.6	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	1.90	94.8	2.00	2.68	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	5.79	96.5	6.00	1.73	
Total BTEX	<0.300	0.300	06/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	195	97.7	200	7.88	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	203	102	200	6.58	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 2 (7-7.5) (H233169-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.85	92.5	2.00	2.76	
Toluene*	<0.050	0.050	06/21/2023	ND	1.85	92.6	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	1.90	94.8	2.00	2.68	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	5.79	96.5	6.00	1.73	
Total BTEX	<0.300	0.300	06/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/19/2023	Sampling Date:	06/19/2023
Reported:	06/21/2023	Sampling Type:	Soil
Project Name:	REGULUS 26 FED 1H WELLPAD	Sampling Condition:	Cool & Intact
Project Number:	236728	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO NM		

Sample ID: D - 2 (8-8.5) (H233169-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2023	ND	1.85	92.5	2.00	2.76	
Toluene*	<0.050	0.050	06/21/2023	ND	1.85	92.6	2.00	2.49	
Ethylbenzene*	<0.050	0.050	06/21/2023	ND	1.90	94.8	2.00	2.68	
Total Xylenes*	<0.150	0.150	06/21/2023	ND	5.79	96.5	6.00	1.73	
Total BTEX	<0.300	0.300	06/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2023	ND	212	106	200	8.41	
DRO >C10-C28*	<10.0	10.0	06/20/2023	ND	194	96.9	200	11.1	
EXT DRO >C28-C36	<10.0	10.0	06/20/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 241438

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 241438
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	Area around tank battery represented by sample ID's SW-4, SW-5 and SW-8 approved for deferral. Site will need to be remediated and then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first.	12/26/2023